

## Message Text

UNCLASSIFIED

PAGE 01 BONN 02990 171702Z

ACTION EB-08

INFO OCT-01 EUR-12 ISO-00 H-02 COME-00 FEAE-00 /023 W

-----171931 080896 /43

R 171653Z FEB 77

FM AMEMBASSY BONN

TO SECSTATE WASHDC 5716

UNCLAS BONN 02990

E.O. 11652: N/A

TAGS: ENRG, GW

SUBJECT: CONGRESSIONAL INQUIRY

REF: (A) STATE 27919, (B) BONN 2838

1. ACCORDING TO INFORMATION FROM THE FRG MINISTRIES FOR ECONOMICS AND FOR RESEARCH AND TECHNOLOGY, THERE ARE NO PROJECTS UNDERWAY IN THE FRG AT THE PRESENT TIME IN WHICH ELECTRIC POWER IS GENERATED THROUGH THE APPLICATION OF WASTE HEAT.

2. FRG EFFORTS IN THE SECTOR OF WASTE HEAT UTILIZATION HAVE THUS FAR BEEN DIRECTED TO THE USE OF SUCH HEAT FOR DIRECT HEATING PURPOSES. THROUGH 1975, LESS THAN DM 1 MILLION WAS SPENT ON GENERAL RESEARCH PROJECTS E.G., ON HEAT RECOVERY FROM HOT WATER CONSUMPTION IN HOMES OR FROM SEWAGE UTILIZATION. NONE OF THE PROJECTS HAS SHOWN ANY POSITIVE RESULTS.

3. AT THE PRESENT TIME, A DM 12.3 MILLION PROJECT, CALLED AGROTHERM, IS IN PROCESS. THE FIRM AUGUST THYSEN-HUETTE AG OF DUISBURG-HAMBORN, TOGETHER WITH SEVERAL SUBCONTRACTORS, IS EXAMINING THE POSSIBILITIES OF USING WASTE HEAT FROM ELECTRIC POWER PLANTS FOR SOIL WARMING IN AGRICULTURE. WITH AN UNDERGROUND PIPELINE SYSTEM, THIS PROJECT AIMS AT INCREASED PRODUCTIVITY

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IN AGRICULTURE AND THE POSSIBLE CULTIVATION OF PLANTS PREVIOUSLY NOT CULTIVATED IN THE FRG. ANOTHER SMALLER PROJECT OF RHEINISCH-WESTFAELISCHES ELEKTRIZITAETSWERK AG, ESSEN, EXAMINES THE USE OF WASTE HEAT IN CONNECTION WITH FISH BREEDING.

4. THE 7.5 PERCENT GRANT UNDER ARTICLE 4A OF THE

INVESTMENT ALLOWANCE LAW OF 1975, APPLIES TO THE  
GENERAL AREA OF ENERGY AND POWER GENERATION AND DOES  
NOT GIVE WASTE HEAT ANY SPECIAL ADVANTAGE OVER OTHER  
ENERGY SOURCES. WE ARE UNAWARE OF ANY OTHER FEDERAL  
INCENTIVES IN THIS AREA. COST OF ELECTRIC POWER AND  
ENERGY CONSERVATION CONSIDERATIONS HAVE NOT, AS YET,  
INDUCED EITHER INDUSTRY OR THE POWER GENERATION SECTOR  
TO MAKE SIGNIFICANT USE OF WASTE HEAT.  
STOESSEL

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## Message Attributes

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**Channel Indicators:** n/a  
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**Review Markings:**  
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